



YONG CHENG INTERNATIONAL(OTA)

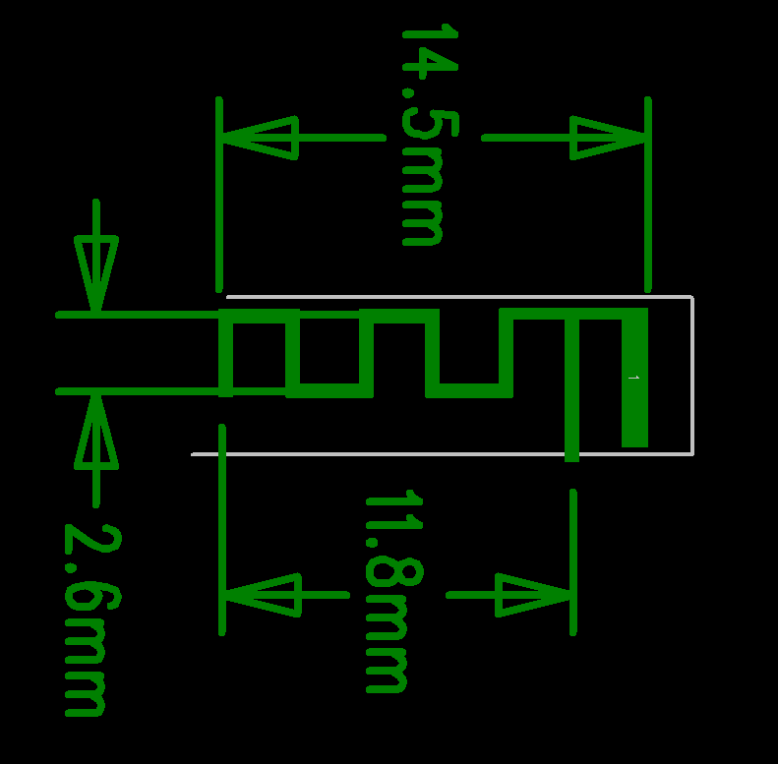
Room 709, Building F, Yuxing Technology Industrial Park, Nanchang Third Industrial Zone, Nanchang
Community, Xixiang Street, Bao'an District, Shenzhen

Product specification

Quick Reference Data

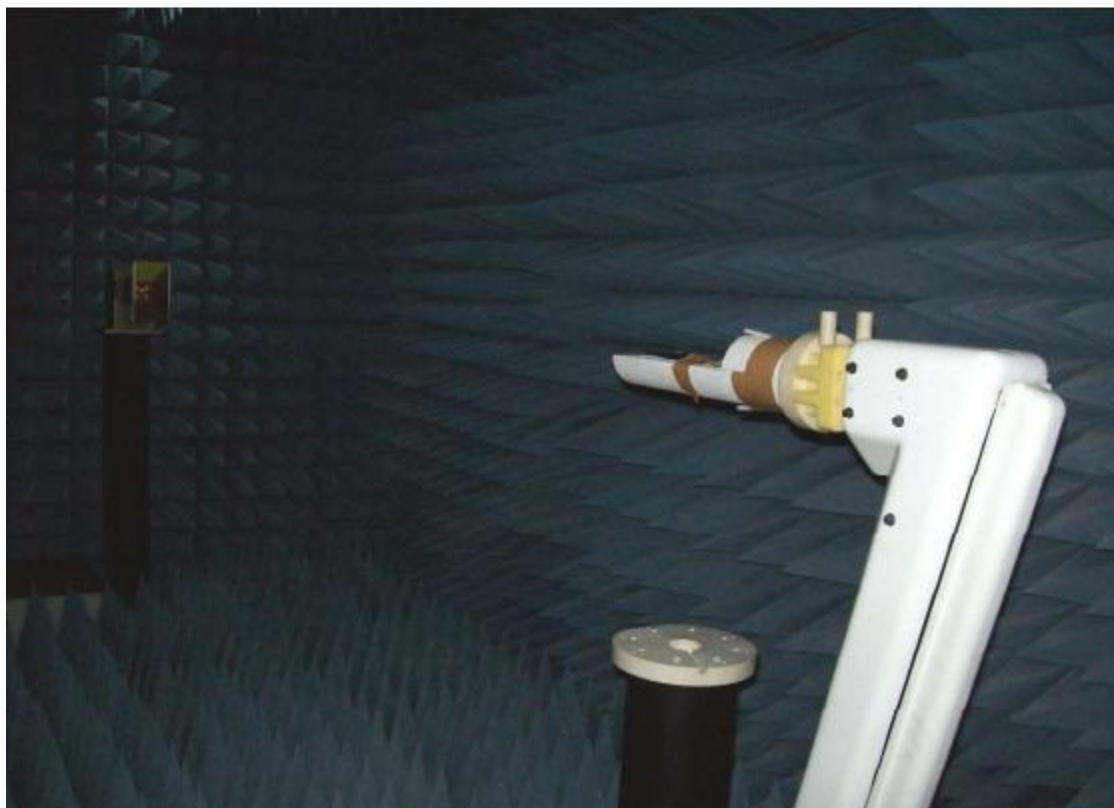
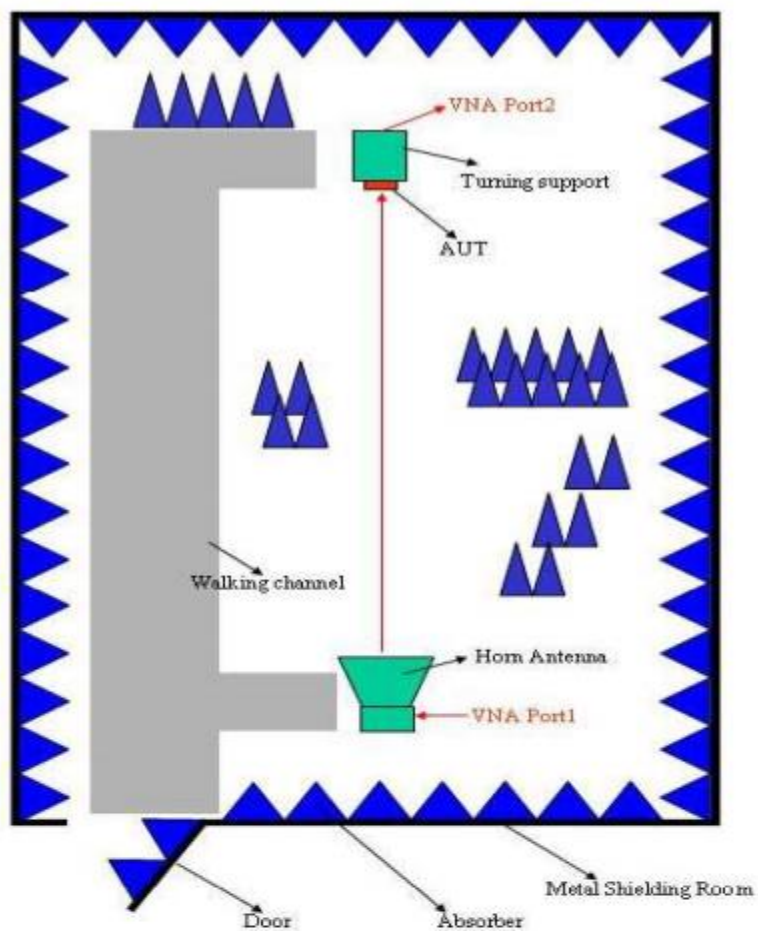
	Antenna module on the system board
Frequenc Range	2400 ~ 2500GHz
Ant. Port Input Pwr. (dBm)	0 (Typ. BT class 2 output power)
Tot. Rad. Pwr. (dBm)	-1.2 (Input pwr – loss pwr)
Peak EIRP (dBm)	
Directivity (dBi)	-0.5(all direction antenna)
Efficiency (dB)	31.14%
Gain (dBi)	1.2 (Avg Gain XY-plane)
Minimum Power)	-4(XY-plane)
Avg. Power (dBm)	-0.5(XY-plane)
Input Impedence(ohm)	50
Polarization Type	Vertical & Horizontal
V. S .W. R	< 1.4
Tested Date:	2024/3/8
Tester:	Lucas

All the technical data and information contained herein are subject to
change without prior notice **Antenna Layout & module on the
system board**



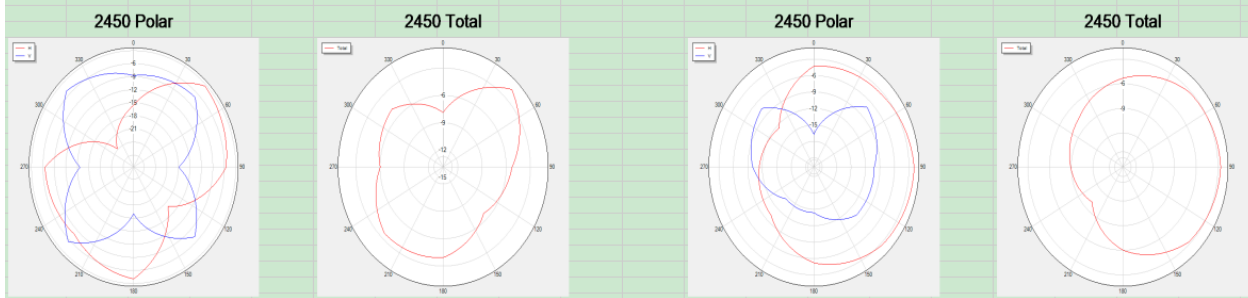
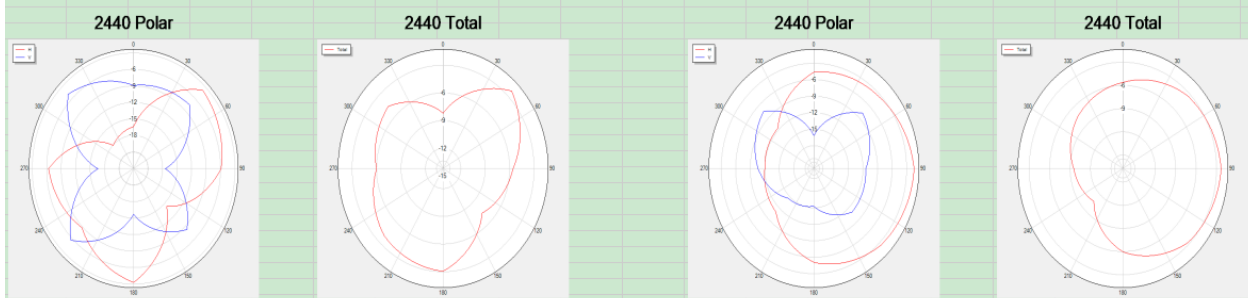
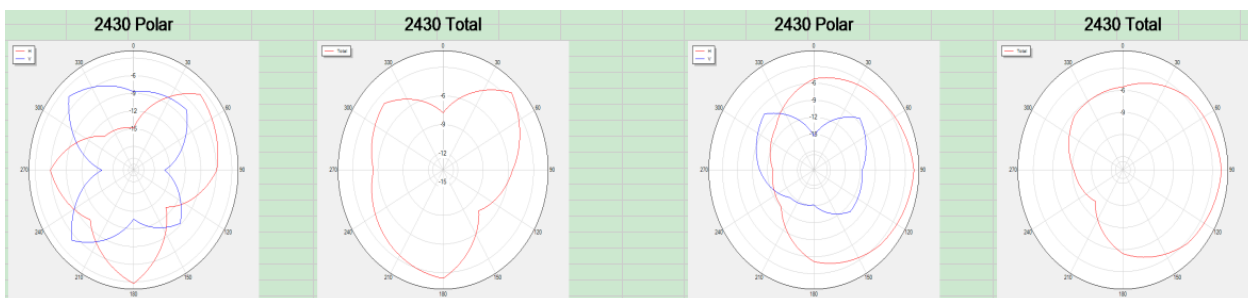
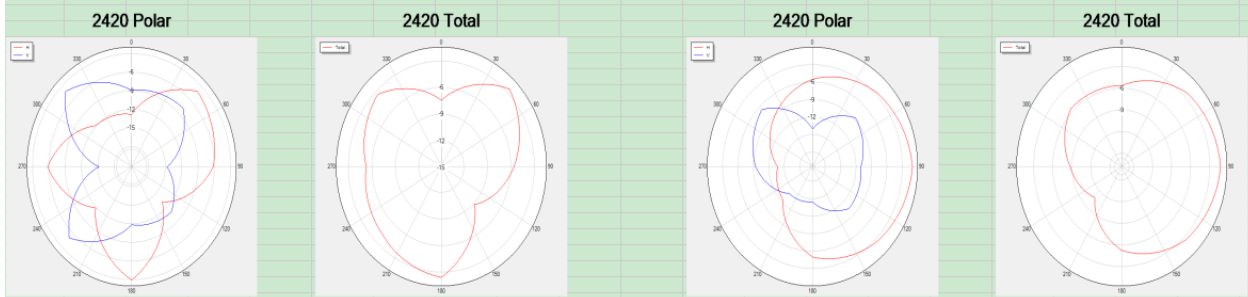
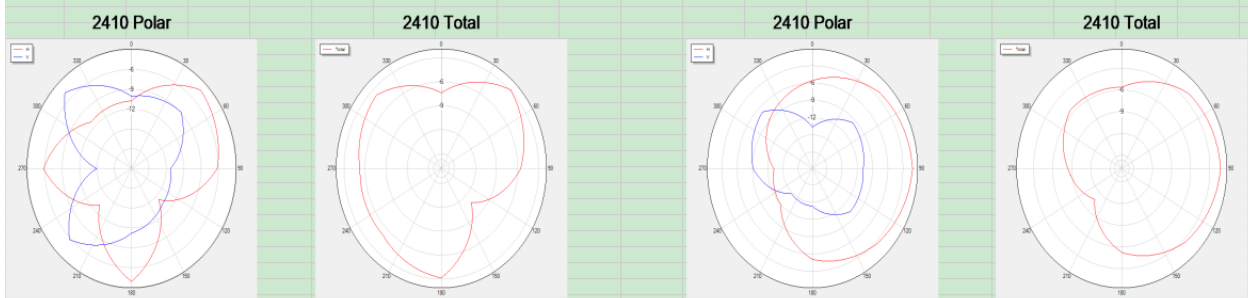
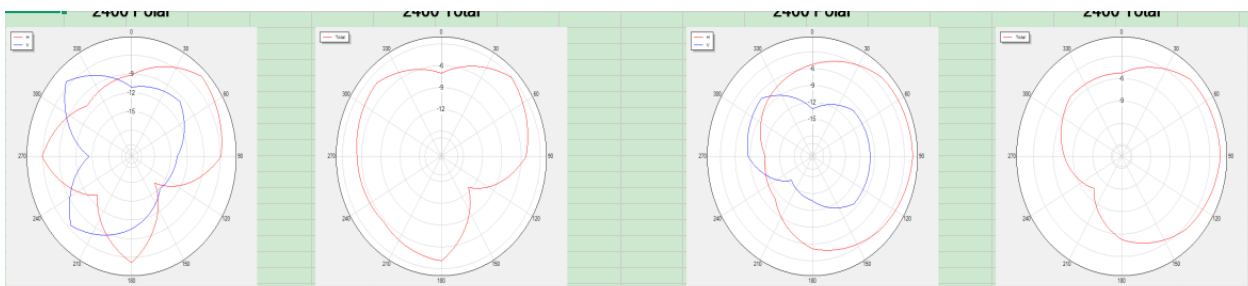
Antenna Gain

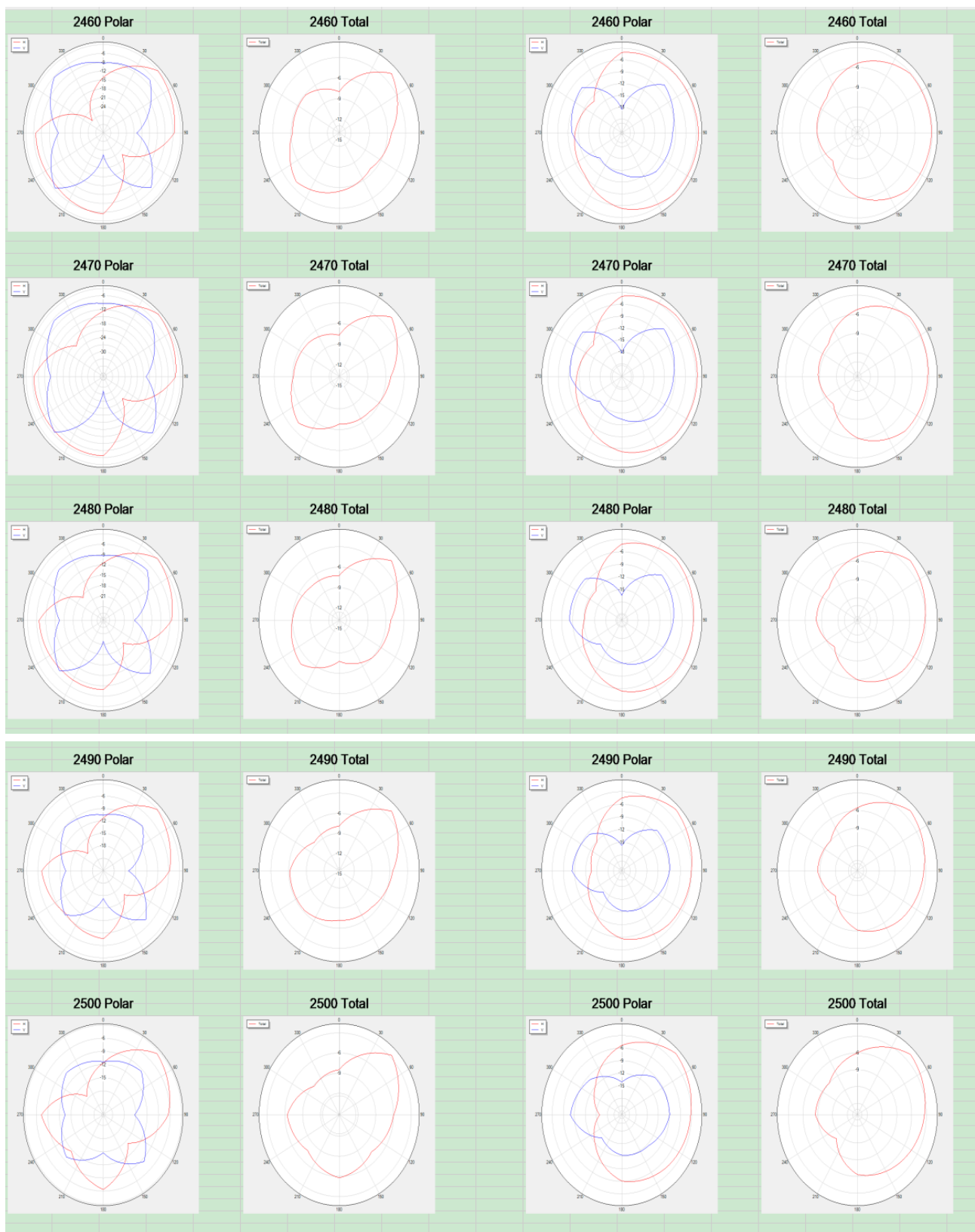
The Environment of Antenna



Radiation Pattern

3D radiation pattern diagram





Frequency	Effic	Percen	Gain
2400	-5.95	25.4%	-0.01
2410	-5.59	27.6%	0.57
2420	-5.6	27.53%	0.75
2430	-5.25	29.85%	1.20
2440	-5.53	27.97%	0.78
2450	-5.25	29.88%	0.25
2460	-5.26	29.77%	0.54
2470	-5.13	30.69%	0.69
2480	-5.1	30.88%	0.51
2490	-5.12	30.75%	0.48
2500	-5.3	29.49%	0.18